Materials
that give
Solutions

WORLD OF MATERIALS

3M   **ORAFOL**   **MAC MARGA CIPTA**   **alanod**   **GLOBOND**   **matt jet**

www.worldofmaterials.net

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Project References

Project : Al Bayt Stadium
Consultant : KEO Qatar
Main Contractor : GSIC-JV

Project Qatar Port Control Tower
Consultant : AECOM
Sub Contractor : Alu Tech

Project : Doha Oasis Hotel
Consultant : AECOM
Main Contractor : Redco

Project : Khalifa Stadium
Architect : Roger Taillibert
Design Arabian Profile (Roof bonding)

Project : Lusail Rail -LRT
Consultant : Astad
Main Contractor : QDVC

Project : Qatar National day Celebrations
Event Location : Darb Al Saai
Client: Al Rayyan Media and Marketing

About Us

World of Materials Trading Co, W.L.L

One of the leading suppliers of materials in the fields of (Advertising, facade, and interiors) in Qatar. The company was established in 2005 and has proven itself as one of most dependable suppliers in State of Qatar.

Our Brands

Our Mission

- Perceiving customer needs at utmost level by providing them flexibility in sourcing, competitive prices, on-time deliveries and customized solutions for unique needs.
- Ensuring attentive, effective and proactive customer service with personalized attention to customers.
- Continually building our skills and knowledge to meet growing diverse needs of customers.
- Sustaining our reputation as a reliable, customer-oriented, & dynamic player in the market.
- Achieving profitable growth, operational and organizational excellence without compromising our values and business ethics.

Our Vision

Our products are characterized by matching international quality specifications in line with Qatar Vision 2030. Re-defining the standards of 'customer service' by exceeding customer expectations. Being admired for our business values and ethics, in addition keeping our name synonymous with reliability, customer satisfaction and innovation. Being the "preferred choice" for customers & suppliers, being a model for companies who are willing to reach their dreams.

Our Values

Honesty, Transparency, Reliability, and Mutual Respect

ORAJET® ORAGUARD®
VINYL PRINTING & LAMINATION MATERIALS

ORAJET® 3162X Grey Back

- Soft PVC film (100 micron)
- White in gloss and matt finish
- For medium-term outdoor applications
- Polyacrylate, removable, grey adhesive
- Standard widths, mm 1050, 1260, 1370, 1520, 2000
- Standard Length 50M

ORAJET® 3164

- Soft PVC film (100 micron)
- White and transparent in gloss and matt finish
- For medium-term outdoor applications
- Polyacrylate, permanent adhesion, transparent
- Standard widths, mm 1050, 1260, 1370, 1520, 2000
- Standard Length 50M

ORAJET® 3164X Grey Back

- Soft PVC film (100 micron)
- White in gloss and matt finish
- For medium-term outdoor applications
- Polyacrylate, permanent adhesion, grey
- Standard widths, mm 1050, 1260, 1370, 1520, 2000
- Standard Length 50M

ORAGUARD® 200 Lamination

- Soft PVC film (70 micron)
- Transparent
- Glossy, silk gloss or matt finish
- For the protection of digitally or electrostatically printed large-format displays
- For medium term outdoor applications
- Polyacrylate, permanent, transparent
- Standard widths, mm 1050, 1300, 1370, 1550
- Standard Length 50M

ORAJET® 3951 Full Curved

- Premium cast PVC film (55 micron)
- White and transparent
- Gloss finish
- Extreme durability and dimensional stability also in corrugations and on rivets
- Solvent polyacrylate, repositionable, permanent adhesion, in grey or transparent
- Standard widths, mm 1370
- Standard Length 50M

ORAGUARD® 293 Full Curved Lamination

- Premium Cast PVC film (30 micron)
- Transparent gloss and matt finish
- Ultra-flexible
- Together with ORAJET® 3951 also suitable for application to corrugations and rivets (car wrapping)
- For long-term outdoor applications
- Solvent polyacrylate, permanent, transparent
- Standard widths, mm 1370
- Standard Length 50M

ORAJET® 3551 Semi Curved

- Polymer PVC film (70 micron)
- White and transparent in gloss or matt
- For long-term outdoor applications, vehicle
- Solvent polyacrylate, repositionable, permanent, grey or transparent
- Approved acc. to DIN EN 13501-1, DIN 4102 (B1), StVZO
- Standard widths, mm 1370
- Standard Length 50M

ORAGUARD® 290 Full Curved Lamination

- Premium Cast PVC film (50 micron)
- Transparent Gloss and matt finish
- For the protection of digitally printed large-format displays
- For long-term outdoor applications Together with ORAJET® 3951,3551
- Solvent polyacrylate, permanent, transparent
- Standard widths, mm 1370
- Standard Length 50M

ORAGUARD® 215 Semi Curved Lamination

- Polymer PVC film (75 micron)
- Transparent Glossy, silk gloss or matt finish
- For the protection of digitally or electrostatically printed large-format displays
- For medium-term outdoor applications, Together with ORAJET® 3551
- Solvent polyacrylate, permanent, transparent
- Standard widths, mm 1370
- Standard Length 50M

ORACAL® 1663 Floor Graphics Vinyl

- Highly pigmented special PVC film (110 micron)
- White Gloss or matt finish
- Excellent opacity
- For medium-term application
- Solvent polyacrylate, removable, transparent
- Standard widths, mm 1370
- Standard Length 50M

ORAGUARD® 250AS Floor Lamination

- Special PVC film (120 micron)
- Transparent, embossed surface
- Protective laminate for indoor floor applications with high resistance to skidding and abrasion
- Solvent polyacrylate, permanent, transparent
- R10 classification according to DIN 51130
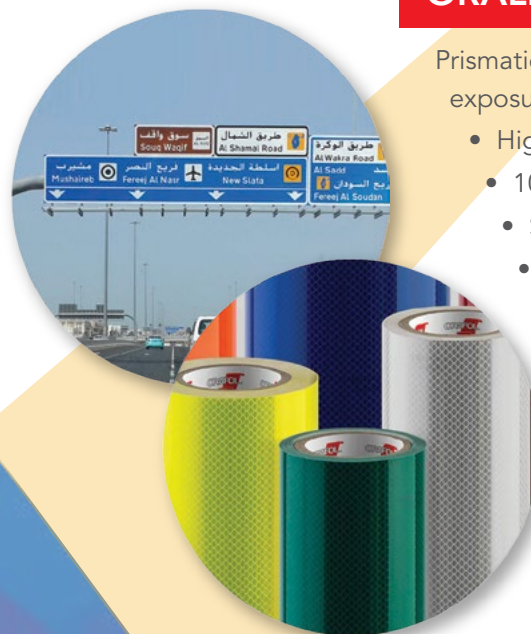- Standard widths, mm 1370
- Standard Length 50MA

ORALITE®
REFLECTIVE MATERIALS

ORALITE® 5910 (HIP) High Intensity Prismatic Grade

Prismatic reflective film designed for production of traffic signs for long-term outdoor exposure. Product benefits include:

- High brightness • Weather proof
- 10 years outdoor durability
- Surface of high performance acrylic film
- Compliance to EN 12899-1
- CE certified • Class RA2, design C
- Excellent printability, Screen printing with ORALITE® 5018 Screen Printing Ink, UV digital printing on ORALITE® UV Traffic Sign Printer, with ORALITE® 5019 UV Digital Printing Ink
- Lettering film: We recommend ORALITE® 5081
- Transparent film: We recommend ORALITE® 5061
- Colors : 010 White, 020 Yellow, 030 Red, 035 Orange, 050 Blue, 060 Green
- Size: 1235mm x 50m

ORALITE® 6710 Engineer Prismatic Grade

Prismatic reflective film designed for traffic signs for long-term outdoor exposure Product benefits include:

- High brightness ,High degree of weather resistance
- 7 year outdoor durability
- Surface of UV stabilised acrylic
- Compliance to EN 12899-1 (R1), DIN 67520 (RA1) and ASTM D4956-11a (Type I and II)
- Class RA1, design C • Excellent printability
- Screen printing with ORALITE® 5018 Screen Printing ink
- UV digital printing with ORALITE® 5019 Digital Printing ink
- Lettering Film: ORALITE® 5075M ,Transparent Film: ORALITE® 5062
- Colors : 010 White, 020 Yellow, 030 Red, 035 Orange, 050 Blue, 060 Green
- Size: 1235mm x 50m

ORALITE® 5200 Graphic Grade

- Reflective film (80 micron)
- For information signs and reflective advertisements
- Suitable both for digital printing with solvent based inks and for use on cutting plotters.
- Durability: 3 years
- Colors : 010 White, 020 Yellow, 030 Red, 035 Orange, 050 Blue, 060 Green
- For short-term outdoor application
- Solvent polyacrylate, permanent

ORALITE® 5510 Engineer Grade

Glass bead reflective film designed for production of traffic signs for long-term outdoor exposure ,use for traffic control, guidance, information and warning signs as well as for reflective lettering, numbers and symbols, which are intended for long term outdoor use.

- Reflective film (RA1, A, 110 micron)
- 7 colours
- Assumed working life by specialist application: 7 years
- For reflective warning and information signs
- Excellent resistance to corrosion and solvents
- Solvent polyacrylate, permanent
- Identification watermark
- CE certified

ORALITE® VC +104 Rigid Grade

- Outstanding long distance night time visibility
- Easy to handle and apply
- No edge sealing required
- Easy to cut
- Polyester construction ensures mechanical stability
- Resistant to power washing
- Highly resistant to most industrial cleaning processes
- 10 year warranty
- Single layer prismatic construction with adhesive backing
- Colors : 015 White, 065 Yellow, 012 Red
- Size: 50mm x 50m

ORALITE® VC 612 Flexibright

- High performance Wrapping film
- Prismatic reflective performance
- Very high brightness   • Unique handling
- Applicator user friendly
- Ability to conform to demands of vehicle shapes
- Flexible; great for application onto curved vehicles e.g. motorbikes
- Easy to cut and no edge sealing required
- Withstands power washing
- Single piece removability where applicable
- Templates need far fewer pieces
- Extensive warranty
- Full colour range available
- Meets HOSDB specifications

ORACAL®

CUTTING PLOTTER MATERIAL

ORACAL® 641 Plotter Film

This permanently bonding material has been designed for universal medium term outdoor applications of up to 4 years. It is available in 59 colors with gloss and matt finish

- Special PVC film (75 micron)
- Great properties for processing on cutting plotters
- For short- and medium-term markings, letterings and decorations
- Polyacrylate, permanent

ORACAL® 8500 Translucent Cal

- Translucent special PVC film (80 micron) in 54 colours with satin finish
- For high quality designs of light boxes, internally illuminated signs, and backlit acrylic glass, and pretensioned banner materials
- Solvent polyacrylate, permanent, transparent
- Service life: 7 years, 5 years (metallic)

ORACAL® 8300 Transparent Cal

Special transparent coloured PVC film with UV-stabilisers. Glossy surface

- Transparent PVC film (80 micron) with UV stabilizers
- 32 glossy colours
- For internally illuminated short- and medium-term designs on backlit glass surfaces
- Solvent polyacrylate, permanent, transparent
- Dry and wet application
- Service life: 5 years

CAR WRAPPING MATERIALS

ORACAL® 352 Metallized printing polyester film

Metallized polyester film with excellent dimensional stability and good long-term ageing properties. Surface with top-coat for printing

- Metallized polyester film (50 micron)
- For the manufacture of high-quality adhesive labels
- Printed primer
- Solvent polyacrylate, permanent

ORACAL® 970 Premium Shift Effect Cast

- Car wrapping film with a unique shade shifting effect where the color changes depending on viewing angle
- This special film is non-directional, meaning it is not necessary to apply the film in the same direction on the vehicle
- Multi-layered cast PVC film (110 micron)
- 9 colors
- Specially developed for complete car wrapping.
- Glossy or matt finish
- Excellent dimensional stability
- Adhesive : Solvent polyacrylate, repositionable, permanent, transparent
- Size : 1520mm x 50 m

Sample colours – ORACAL® 970RA Premium Shift Effect Cast

989 turquoise lavender | 319 Ultramarine Violet | 988 green blue | 317 Avocado | 318 Aquamarina
316 Amethyst | 320 Cranberry | 990 aubergine bronze | 315 Pearl Symphony

ORACAL® 975 Premium Structure Cast

- Multi-layer Cast PVC (150 micron)
- Seven structured optics
- Several colors each
- Surface refinement in car design
- Not for complete car wrapping but for parts only - the ideal tuning film
- High dimensional stability, excellent keeping of surface finish
- For uneven and arched surfaces
- Solvent polyacrylate, repositionable; permanent
- Size : 1520mm x 10m

ORACAL 975

matt jet

BANNER AND FLEX MATERIALS

Mattjet - Backlit Flex White

- Finishing surface Glossy
- Weight 610 G/m2
- Fabric 500x500 denier
- Density 18*12 threads/inch2
- Applicable temperature 30—60 degree
- Available sizes mm 1370, 1600, 2120, 2600, 3200, 4200, 5000
- Standard Length 50M
- Application ink: Eco-solvent Solvent UV.Latex

Mattjet - Frontlit Banner White

- Finishing surface Matte
- Weight 440,510 G/m2
- Fabric 840×840 / 1000*1000 denier
- Density 9*9 threads/inch2
- Applicable temperature 30—70 degree
- Available sizes mm 1270, 1370, 1520, 1600, 1800, 2000, 2200, 2500, 2600, 3200, 3800, 4200, 5000
- Standard Length 50M
- Application ink: Eco-solvent Solvent UV.Latex

Mattjet - Mesh Banner White (Wind force)

- Finishing surface Matte
- Weight 360 G/m2
- with a special backing material that is removed after printing
- Fabric 1000x1000 denier
- Density 9*9 threads/inch2
- Applicable temperature 70—30 degree
- Available sizes mm 3200 , 2500
- Standard Length 50M
- Application ink: Eco-solvent Solvent UV.Latex

matt jet

VINYL PRINTING & LAMINATION MATERIALS

Mattjet - Window graphics film (One way vision film)

- Perforated special PVC film (160 micron)
- 1.6 mm hole diameter
- 40% light transmittance
- Black back side
- Standard widths, mm 1270, 1370, 1520
- Standard Length 50M

Mattjet - Rollup Materials (Grey Back PET Film – Eco Solvent)

- Composition : 80 mic PVC + 95 mic PET + 80 mic Grey back PVC
- Surface : Matte
- Ink : Solvent, Eco-Solvent, UV
- Standard widths, mm 914
- Standard Length 50M

Mattjet - Premium PVC Vinyl

- Premium PVC 100um,140gsm paper
- White and transparent in gloss and matt finish
- High tack Glue permanent adhesion transparent
- For medium-term outdoor applications
- Standard widths, mm 1070, 1270, 1370, 1520
- Standard Length 50M

Mattjet - Cold Lamination PVC Film

- Soft PVC film (80 micron)
- Transparent
- Glossy or matt finish
- For the protection of digitally printed large-format displays
- For medium term outdoor applications
- Standard widths, mm 1070, 1270, 1370, 1520
- Standard Length 50M

Mattjet - Polyester Canvas

- Waterproof Polyester Canvas 240gsm
- White matt finish
- Solvent & Eco solvent Ink
- High intensity, good tensile, high strength, great flexibility
- For large format indoor and outdoor billboard advertising, banner, posters
- Standard widths, mm 1070,1520
- Standard Length 30M

matt jet

FABRIC PRINTING MATERIALS

Mattjet - Backlit Fabrics

100% polyester knit fabric, matte finish - Stop light leak, uniform light transmittance, presents perfect graphic texture, - Been coated for dye-sub direct printing

- Direct dye sublimation fabric 190Gsm
- Flame Retardant
- Applications light box systems
- Standard widths, mm 2500,3200
- Standard Length 100M

Mattjet - Stretch Fabric

100% polyester knit fabric Waterproof, Flame Retardant, Anti-Static, Tear-Resistant, Blackout, Shrink-Resistant

- Direct dye sublimation fabric 150Gsm
- Applications popup display stands, popup counter and Table
- Standard widths, mm 2500,3200
- Standard Length 100M

Mattjet - Satin Fabrics

- Direct dye sublimation fabric 95gsm
- Dye sublimation ink
- Applications table flag ,marker flag,curtain ,ect
- Standard widths, mm 1070,1270,1520
- Standard Length 100M

Mattjet - Mirror Flag Fabrics

- Direct dye sublimation fabric 70gsm
- Dye sublimation ink
- Applications bucket flag ,string flag, marker flag
- Standard widths, mm 1070,1270,1520
- Standard Length 100M

Solutions for your assembly challenges.

3M Industrial Adhesives and Tapes

3M Science. Applied to Life.™

3M Science. Applied to Life.

3M VHB DOUBLE SIDED TAPES

3M VHB Tape

3M™ VHB™ Tapes are high-strength bonding tapes and a proven alternative to screws, rivets, welds and other mechanical fasteners.

Since 1980, 3M™ VHB™ Tape has offered unlimited design and application possibilities for designers.
By working with 3M's engineering experts, Product designers know they can count on this reliable solution.

Features and Benefits

1. Performance

The alternate to spot welds, screws, rivets and liquid adhesives - 3M™ VHB™ Tapes have revolutionized performance benchmarks, while ensuring durability and resists stress, fatigue, vibration, heat, cold, temperature cycling, moisture, solvents and UV light

2. Productivity

3M™ VHB™ Tapes increases productivity, cost-effectively - easy to use, versatile, decreased production time and eliminates the need for any major equipment.

3. Appearance

3M™ VHB™ Tapes provide a smooth, clean and enhanced design - assuring an invisible bond that expands material options

3M VHB Tape Products

3M VHB™ B23F Structural Glazing Tapes Black
available sizes: 20 mm, 15 mm Width X 33 m Length X 2.3 mm Thickness

3M™ VHB™ Tape 4956F   Gray
available sizes: 25.4 mm, 19.05 mm, 12.7 mm Width X 33 m Length X 1.6 mm Thickness

3M™ VHB™ Tape 4941   Gray
available sizes: 25.4 mm, 19.05 mm , 12.7 mm Width X 33 m Length X 1.1 mm Thickness

3M™ VHB™ Tape 4910 Clear
available sizes: 25.4 mm, 19.05 mm , 12.7 mm Width X 33 m Length X 1.1 mm Thickness

3M™ VHB™ Tape RP45   Gray
available sizes: 25.4 mm, 19.05 mm, 12.7 mm Width X 33 m Length X 1.1 mm Thickness

3M™ VHB™ Tape 5952   Black
available sizes : 19.05 mm Width X 13 m Length X 1.1 mm Thickness

3M™ Tape Primer 94

- Promotes adhesion to polyethylene, polypropylene, ABS, PET/PBT blends and other on difficult to stick substrates
- Commonly used for increasing adhesion of film and vinyl graphics in automotive detailing
- Can be applied with brush or swab for small areas and a pressurized flow gun for larger areas

VHB tapes application areas

Construction

3M VHB tapes Solutions for Facades.
3M VHB tapes for Architectural Panel Bonding.
3M VHB tapes for Architectural Panel Stiffeners Bonding.
3M VHB tapes for Structural Glazing Panel Bonding,
Unitized Structural Glazing system.

Signage and advertising
Attaching or bonding plastic, glass, PMMA or polycarbonate lenses to metal and plastic frames For commercial and directional exit signs and other sign applications Pylon, Message Center, LED, Channel letter and Totem sign design Permanently bonds aluminum letters to glass and appears almost invisible from behind the panel.

3M WEATHER SEALING TAPE SOLUTIONS FOR FACADES

3M™ Extreme Sealing Tape 4412N

- Is a single coated, pressure sensitive adhesive tape designed for sealing Applications, coming with a protective liner.
- The backing on this tape is an ionomer film that is very tough yet flexible, abrasion resistant and paintable.
- The very soft and thick acrylic adhesive has excellent sealing properties and good long term, outdoor durability.

  Application Description:
  - Extreme sealing of Skylight and canopies to replace Weather sealants in order to Achieve: Simple, clean, immediate, durable, paintable, high performance Sealing

3M™ Sealing Tape 8777 Solutions for Facades

- Is a self-adhered, waterproof membrane designed for sealing on difficult to stick to surfaces.
- Has a unique acrylic pressure sensitive adhesive that aggressively sticks and stays stuck both at lower and higher Application temperatures.
- The proprietary backing seals around hand driven nails and staples to prevent moisture intrusion and Leakage.

  Application Description:
  - For sealing and to prevent leakage of Curtain wall system:(can be used as part of the system with the PVC and pressure plate).
  - To Replace Traditional Waterproofing membrane (EPDM, Rubber, …etc) in Curtain wall system.

3M™ Polyurethane Adhesive Sealant Fast Cure 550

- Polyurethane Construction Sealant, Polyurethane Sealant and Polyurethane Adhesive Sealant
- Products are one component, moisture curing products which form permanent elastic bonds.
- They bond to a wide variety of materials including plastics, metals, fiberglass, and wood.
- They are formulated to have a wide variety of Shore A hardness, open times, and performance parameters to meet many application needs.

3M ADHESIVE TRANSFER TAPES

3M™ VHB™ Adhesive Transfer Tape 9473PC Clear 2/1 in x 60 yd

- Is a thin, double sided tape capable of conforming to a wide variety of applications.
- High Performance Acrylic Adhesive 100MP, providing much higher adhesion strength than typical pressure sensitive adhesive systems
- Provides solutions such as industrial joining and metal fabrication.
- Short term temperature tolerance of up to 500 °F (260 °C)
- Operating temperature tolerance of up to °300F (°149C)
- Durable adhesive is chemical, UV and solvent resistant

3M™ Adhesive Transfer Tape 468MP Clear 1in x 60 yd , 12in x 60yd

- Adhesive transfer tape with acrylic adhesive on a polycoated Kraft paper liner.
- Excellent shear strength, temperature resistance and chemical resistance.
- Ideal for graphic and nameplate attachment. Easy to die-cut and process

3M DOUBLE COATED TAPES

3M™ High Performance Double Coated Tape 9088 Clear

3M™ High Performance Double Coated Tapes with Adhesive 375 holds tight to bond on contact to almost any high and low surface energy substrate. For example, bond painted and unpainted surfaces, stainless steel, glass, polycarbonate, polypropylene, ABS, wood, fabric, leather, foam, and more.

3M™ Double Coated Foam Tapes 9529

Is a white, 1.5mm thick, 67kg/m³ density closed-cell double coated polyethylene foam with a rubber adhesive. It is a high grab adhesive suitable for lower performance applications.

Applications
Mounting of posters or display items, mounting of plastic nameplates and parts, mounting of foam board sheets.

Rethink your design
with reclosable fasteners
and lose the screws!

3M DUAL LOCK RECLOSABLE FASTENER

3M™ MP3541/MP170/400 3542 Black

is designed for indoor use. With an engaged thickness of just 0.23", this fastener is virtually invisible and is roughly five times stronger in tensile strength versus traditional hook and loop fasteners. Strong, durable and aesthetically appealing

Applications
- Hang graphics and banners for trade shows and in-store promotion, Attach repositionable shelving for retail display and museum exhibits
- Attach flexible retail signage for products that change frequently with the season, holiday, popularity, or promotional focus

3M™ SJ250 3560 Clear

A clear fastener with mushroom shaped stems backed with a clear, acrylic pressure sensitive adhesive, it has a closure life of 1,000 times. Designed to bond to metals, glass and high surface energy plastics.

3M™ Hook and Loop Fastener MP3526N/MP3527N /Black, White

Hook and loop fastener creates smooth joints without screws, rivets, bolts or zippers, Rubber adhesive allows for attachment to low surface energy substrates Woven nylon design provides durability for thousands of closures, Great design flexibility and fast product assembly through easy-to-use fastener

Applications
Graphic attachment ,Panel attachment, Securing fabric to furniture cushions, Carpet panel attachments

Easy to Attach Easy to Remove

3M INDUSTRIAL AEROSOL ADHESIVES

3M™ Super 77™ Multipurpose Spray Adhesive

is an extremely versatile, fast-drying, and transparent spray adhesive that bonds a wide range of lightweight materials. Our fast, permanent bond provides fast results to keep projects moving ahead. The spray formula is easy to dispense and apply directly onto surfaces and materials where needed.

Application (substrates)

Metal, Plastics (ABS, PVC, Acrylic), Plastics (High Performance Nylon), Fabric, Felt, Cork & Fibrous Glass, Flexible Foam (Latex, Urethane), Rigid Foam (Urethane), Leather, Rubber (Except EPDM), Glass & Ceramics, Paper

3M™ Hi-Strength 90 Spray Adhesive

is our fast-drying, transparent spray adhesive that bonds on concrete, wood, MDF, laminates, polyethylene and more. Its extremely strong bond gives you fast results to keep projects moving forward. This industrial grade formula is easy to dispense and apply directly to surfaces and materials and provides the added benefit of high heat and moisture resistance.

Application

- Bond decorative laminate to tables, cabinets, and shelving, Bond kick plates to office desks
- Adhere polyethylene, polypropylene to wood, metal, and many other materials, Attach plastic sign lettering to wood

3M™ Repositionable 75 Spray Adhesive

- Adheres in seconds
- Extra-long tack range
- Repositionable

3M™ Repositionable 75 Spray Adhesive is an adhesive that provides tape-like bonds on many lightweight materials. It adheres in seconds, yet has an extra-long tack range that allows you to lift and reposition materials.

Excellent for production line work where parts are held in place temporarily prior to final assembly. Bonds paper, cardboard, acetate, foil, fabrics, sheeting, etc. Clear in color.

3M™ Foam Fast 74 Spray Adhesive

Designed specifically for foams and fabrics Dispenses with a lace-spray pattern optimized for foam bonding Provides professional, industrial strength for demanding applications Offers a fast, aggressive tack for a quick assembly of high-stress bonds

3M™ Citrus Base Cleaner

is our remarkable liquid cleaner/degreaser used to help dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It cleans without streaking and has a fresh citrus scent. You can use it in some cases to degrease substrates prior to adhesive bonding, in place of many chlorinated or petroleum based solvents and help increase bonding success.

Applications

- Removes grease, dirt and oil from equipment, Removes tar from roofing equipment
- Softens liquid adhesive and adhesive tape residue, Cleans adhesive overspray from equipment

3M™ Polystyrene Foam Insulation 78 Spray Adhesive Clear

is a high strength, high temperature resistant, industrial grade spray adhesive. reates a high temperature resistant bond while providing a long open time ideal for polystyrene panel bonding and roofing membrane attachment.

3M HIGH PERFORMANCE ADHESIVES

3M™ Nitrile High Performance Plastic Adhesive 1099 Tan

- High performance adhesive forms strong bonds on most vinyls and plastics
- Resists weathering, water, oil, plasticizer migration and fuels
- Provides strong, quick drying flexible bonds
- Optional heat cure increases bond strength
- Sprayable with industrial grade spray equipment

Recommended Applications
- Bonding most vinyls and plastics (not recommended for polyolefin plastic bonding)
- Aftermarket automotive repair, including panel installation and upholstery
- Banners and awnings

3M™ Neoprene High Performance Rubber and Gasket Adhesive 1300L Yellow

- Adheres neoprene, SBR, butyl, and other types of rubbers to other various substrates
- Excellent moisture and heat resistance and will perform up to up to °300F/°148C
- Can be used as a contact or wet-bond adhesive
- Available in tubes, cans or pails
- Compatible with industrial spray equipment
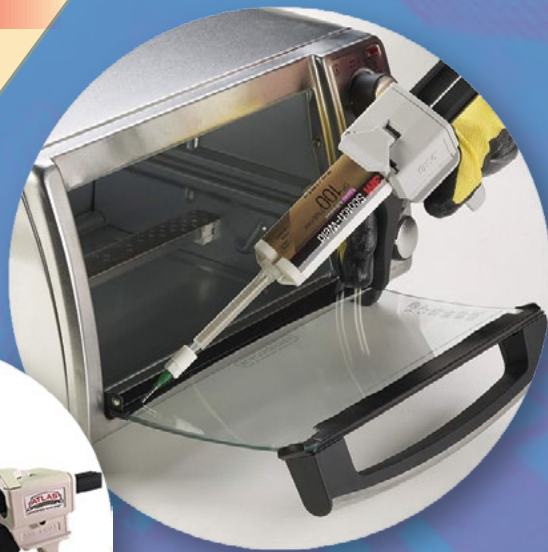
Recommended Applications
- General MRO
- Bonding rubber gaskets to metal surfaces
- General purpose bonding applications (Should not be applied to EPDM or TPO)
- Attaching rubber to various substrates
- Repairing rubber

3M™ Scotch-Weld™ Epoxy Adhesive DP100 Plus

- Very flexible adhesive provides strong, permanent bond even under vibration and impact
- Fast -4minute work life with handing strength in 20 minutes at room temperature
- Good high shear and peel strength
- Flexible when cured, making it a good choice for bonding dissimilar surfaces

Recommended Applications
- Glass to metal bonding
- Bonding jewellery or other items where appearance is critical
- Bonds many plastics
- General attachment applications in a variety of industries
- Replace 5 minute epoxy for improved performance
- Fast potting agent good for applications with thermal cycling

3M SPECIALTY TAPES

3M™ Aluminum Foil Tape 425

Is a dead-soft aluminum foil backed tape with a special transparent synthetic acrylic adhesive, making this the best general purpose foil product available. This tape is ideal for masking, sealing, seaming, shielding, chemical stripping, harness wrapping, joining, electroplating, plastic protection, chemical milling,Heat shielding, heat reflecting and paint stripping.

3M™ Venture Tape™ FSK Facing Tape 1525CW

- Foil, scrim and kraft laminate backing for use on fibrous and sheet metal ducts
- Cold weather acrylic adhesive is specifically designed for cold weather conditions
- High puncture and tear resistance ensures long life and durability in a variety of applications and conditions
- Flexible backing conforms well to curved or irregular surfaces
- Easy to install on site without special tools or application methods

Recommended Applications
- Sealing applications for fibrous ductboard, sheet metal ducts and blankets
- Vapor seal for reinforced aluminum faced fiberglass or mineral wool thermal insulation

3M™ Polyester Tape 8402 Green

Is ideal for masking in high temperature applications and adheres well to silicone coated surfaces. The green color and silicone adhesive make for easier identification and application when splicing silicone treated paper. Works in demanding conditions and retains flexibility from °60-F (5-t°0C) to °350F (°176C)
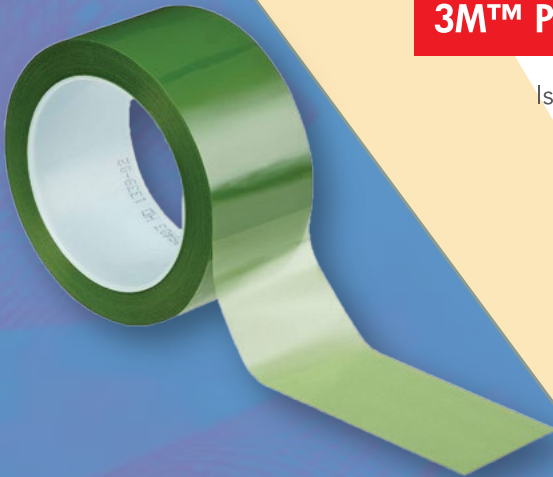
Application
Paint mask for areas subject to higher temperature bake cycles Masking edges of overlap seams in metal bonding process where the excess epoxy (flash) flows on the tape. Protective tape reduces scratches during handling prior to bonding operations

3M™ Heavy Duty Duct Tape 3939

Has the tensile strength and adhesion for splicing, masking, patching, seaming, hanging poly sheeting, sealing PVC pipes, covering trip hazards and a host of other industrial applications.
- Industrial-grade duct tape for splicing, masking, patching, sealing and seaming
- High tensile strength for a secure hold under stress
- Thick rubber adhesive bonds to most rough and smooth surfaces for a tight seal
- Silver polyethylene surface resists wear, abrasion and water

3M™ Paper Masking Tape 2214

is a cost-effective, crepe paper backed tape that holds, bundles, seals
Pressure sensitive rubber adhesive provides quick stick to a variety of surfaces
Provides conformability on irregular surfaces and around corners
Crepe paper backing tears by hand, Ideal for marking, temporary holding,
wrapping and sealing

3M ScotchBlue™ Painter's Tape Original Multi-Surface 2090

is the 1# selling Painter's tape in the U.S. for a reason - it's the original blue tape that DIY
Painter's and pros have loved for more than 25 years. It delivers sharp paint lines and can
be used on a variety of surfaces, such as walls, trim, glass and metal. It removes cleanly for
up to 14 days and does not cause surface damage, even when exposed to direct sunlight

3M™ INDUSTRIAL MASKING TAPES

Masking Made Simple

3M™ Vinyl Tape 471

Is a conformable colored tape constructed with a vinyl backing and
a rubber adhesive. Maintains vivid color even when exposed to
heavy abrasion and solvents Conformable with dead stretch
properties that make it ideal for use on curved and irregular
surfaces. Clean removal from many surfaces which helps
reduce clean-up and labor costs. Good solvent
resistance for application protection and longer
product life

Application

• Lane and safety marking applications,
  Corrosion sensitive applications, Color
  coding Canister and storage container
  sealing

3M™ Scotch Tape 8956 Utility Filament Tape

A utility packaging tape reinforced with continuous glass filaments
which gives tensile strength to the tape.

Key Features:
Provides abrasion, moisture and scuff resistance.
The adhesive is formulated to adhere adequately to
fibreboard surfaces.

3M Tartan™ Box Sealing Tape 307, Clear / Tan

Is a general purpose packaging tape used for noncritical box sealing applications
This product has a conformable film backing and a consistent, pressure sensitive
acrylic adhesive.

This construction provides a good closure for boxes exposed to minimal
distribution hazards.

3M Scotch® Box Sealing Tape Dispenser H190

Dispenser H190 has a comfortable pistol-grip and allows the
operator to apply, cut, and buff tape in an easy one-hand
motion. It dispenses any box sealing tape up to 48 mm
wide

SIGNAGE
Products

LED MODULES

Z3U-V3 1-05xLED Lens Samsung Chip

- Color : Cool White , Warm White, Red, Blue, Green, Yellow
- Chips: SAMSUNG 5050 / 2835
- Angle: 160°
- Power Consumption: 1.14 Watt
- Water Proof: IP68
- Voltage: 12 VDC
- Safe Operation with 12 VDC with non-polarity connection

SAMSUNG

1Z v.5 High Power LED 200 Modules

- Power Consumption : 1.5W
- Viewing Angle 170°
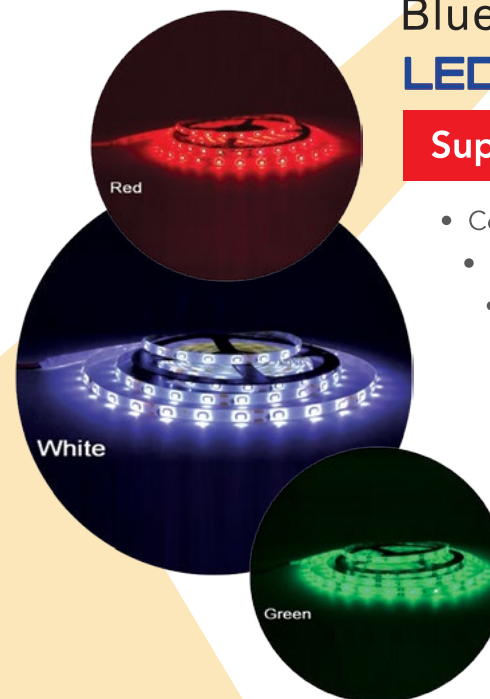- Operation Temp. (F): 158~22-
- Color : white 6500
- Size : Length 1.0 x W 0.9 x H 0.3 inch
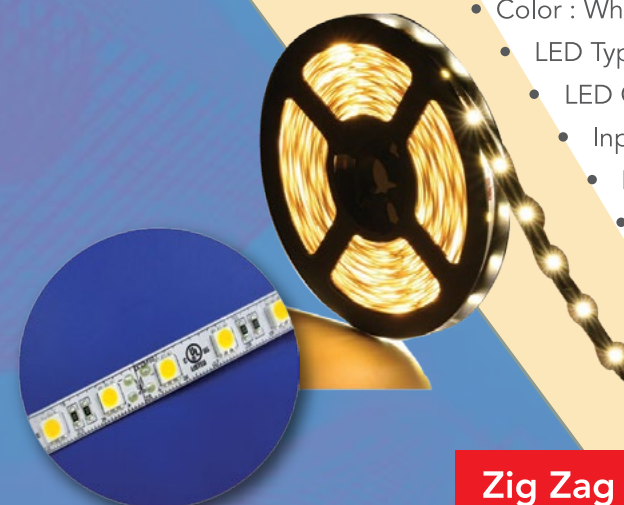
INTERONE

Blueview
LED STRIPS

Super Bright 2835 LEDs Epistar Chips

- Colors : white 6500-6000, Warm White, Red, Blue, Green, Yellow
- LED Type: SMD 2835
- LED Q'ty : 300pcs
- Input Voltage : 12V DC Constant Voltage
- Power : 54W/5m
- Viewing Angle : °120
- Working Temperature - 80+~40
- Max run : 3 meters
- IP grade: IP22
- Strip Width: 10mm
- Warranty : 3 years indoor
- Installation : 3M double sided tape

Ultra Bright 5050 LEDs Epistar Chips

- Color : White 6530-6020K
- LED Type: SMD 5050
- LED Q'ty : 300pcs
- Input Voltage : 12V DC Constant Voltage
- Power : 72W/5m
- Viewing Angle : °120
- Working Temperature - 80+~40 ⌀
- Max run: 2.5 meters
- IP grade: IP22, Strip Width : 10mm
- Warranty: 3 years indoor

Zig Zag 2835 LED 360 Degree Bendable Tape Light

Excellent for small channel letters.

- LED Type: SMD 2835
- LED Q'ty : 360pcs
- Input Voltage : 12V DC Constant Voltage
- Power: 36W/5m
- Viewing Angle : °120
- Working Temperature - 80+~40 ⌀
- Max run : 12 V 2meters
- IP grade: IP22
- Strip Width: 6.5mm
- Warranty : 2 years indoor
- 3M double sided tap

LED NEON SILICON

LED Neon Silicone N4-2

Features
- Dot-free linear neon-like illumination
- Fabricated with Eco-friendly, UV-resistant silicone
- Material V2- flame retardant
- Flexible PCB with SMD LED technology
- 12V DC low voltage, safe and reliable
- Cutting mark by every 50mm [1.97in]
- Can be bent laterally Minimum bending diameter in 50mm [1.97in]

Specifications
- Colors: white Red Yellow Green Blue
- Power/m 9.6W - LED Q'ty/m 120pcs
- Working Length 15m one end powered
- Viewing Angle °180
- IP grade IP68
- Certification cULus Listed, CE, RoHs
- Warranty 5 years

Application:
Signage lighting, Outdoor/indoor decoration lighting

LED FOR LIGHT BOX SOLUTION

High Voltage Rigid Bar BV-YA2.0 2

Features
- Integrated power supply eliminates separate drivers
- Wide Input voltage: 265-90V
- Adopts 9V 2835SMD LED Curtain design, easy installation with screw
- Available in 36LEDs/120cm
- Slashes maintenance costs

Specifications
- Color : White
- Luminous Flux: 900lm
- Power (W/pc) 11w
- Standard Serial Connection Qty (pcs) 40pcs
- Protection Class IP66

Application :
Light box , sign board 20-12cm
thickness signage

EDGE LIT LED Module for Light Box - Z2 2.0 18W

Features
- 2W SMD 3030 LED adopted
- 20pcs is max serial connection quantity at one end power feed
- Injection material is UV resistance and fire retardant
- Aluminum PCB exposed outside for better heat dissipation
- Each module can be cut

Applications : Single or double side light box

Specifications
- Color : White
- Luminous Flux: 175-170 lm /PC
- Power (W/pc) 2.1w/PC
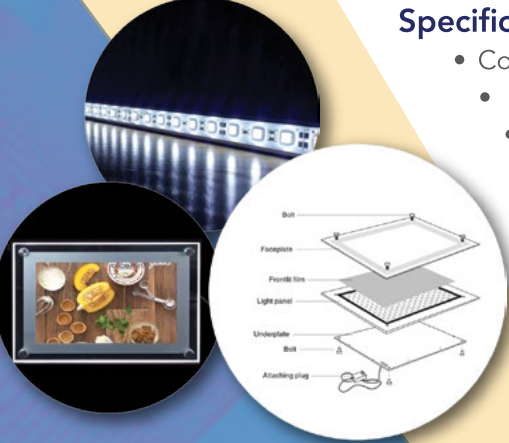- Standard Serial Connection Qty (pcs) 20 PCS

Slim Rigid Bar 4MM for LED Crystal Frame BAR-FR81-2835-4

Specifications
- Color : White
- LED Type: 2835
- Luminous : 972lm /PC
- Power (W/pc) 9.72w/PC
- Input Vol: 12V
- Size : 1.6*4*458mm
- Led Qty/PC : 81 leds

Application : Slim Crystal frame Light box

LED POWER SUPPLY

Led Waterproof Converter [UP-W2C Series]
5 Years Warranty

Specifications
- 30~300W
- Single output with constant voltage circuit
- Constant voltage design
- Protections : Overload / Over voltage / Short circuit
- Coolling by free air convection
- IP68 (100~300W)
- 100% full load burn-in test
- Suitable for LED indoor lighting and outdoor sign applications
- Plastic case : 40~60W
- Metal case : 100~300W

CHANNELUME FOR 3D LETTER
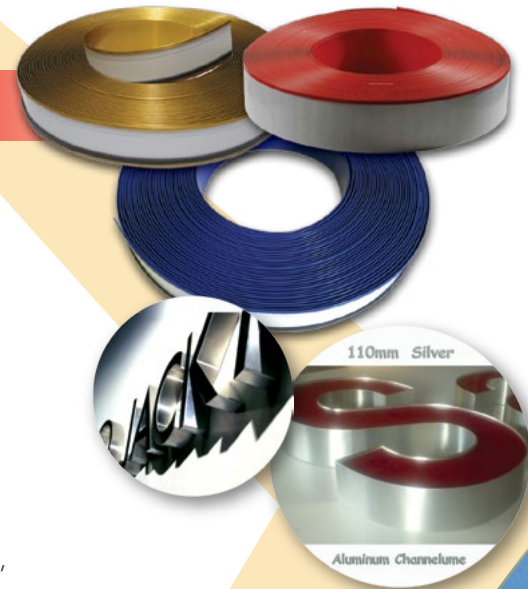
Aluminum Trim for Channel Letter (Channelume)

Features
- Good flexibility, strength
- Good weatherproof, good corrosion resistance
- Resisting high temperature and climate changing
- Not easy to deform and fade
- Simple handicraft and easy to handle it
- Reducing the cost.

Application
Aluminum Channel Letter for Shop signs, stores signboard, office logo, company signage, Widely used in indoor, outdoor, various letters, light box, illuminated letters

Colors: White, Black, Red, Yellow, Silver, Blue, Green, Brushed Silver, Brushed Gold, Mirror Silver, Mirror Gold

Plastic Decorative Trim for Channel Letter

Made in Taiwan

Decorative trim adds a finishing touch to the channel letters.
Signboard decorative trim is colorful, shining and weather resistant,
Made of polyethylene aluminum polyethylene (PE-AL-PE) composite materials.
Size : W 20mm x L 30m

Chloroform GPR For Acrylic Bonding

Formula :(CHCl = 119.38G/MOL)

Application:
Acrylic letter bonding, acrylic box bonding

CAST ACRYLIC SHEET
ACRYLIC ACCESSORIES

ONLY THE BEST

Cast Acrylic Sheet %100 Virgin MMA

Features
- Resilient, Easy to Handle and Fabricate
- Superior Optical Quality
- High End Raw Material Only –
- No Re-Grind or Recycled Raw Material
- Strict compliance with ASTM D4802- & L-P391-D Standards
- Superior Thickness Tolerance Achieved Through Proprietary Production Procedures
- The finished product offers strength and superior top qualities not available in other types acrylic sheet

Application
Exterior led channel letter / Interior Signage / Gift items / Architectural Interiors, Decoration / Furniture, etc.

Available in 17 Colors and Pattern.
Clear - Opal (translucent colors) - Opaque (Intransparent color) - Frosted

Acrylic Accessories

It's made from high quality solid brass, stainless steel and Aluminum rod with high quality plating used for indoor usage.

Acrylic Mirror Finish

One Side Gold / Other Side Silver

Features
- Resilient, Easy to Handle and Fabricate.
- Superior mirror Quality.
- High End Raw Material Only No Re-Grind or Recycled Raw Material.
- The finished product offers strength and superior top qualities
- Not available in other types acrylic sheet

Application
Decoration / Furniture /Architectural Interiors / Interior Signage /Gift items, etc

Available colors Gold , Silver ,any other color upon request

Size : 1220mm x 2440mm x 2.5mm thickness

Acrylic Day and Night sheets

A specially developed signage sheet which looks black in daylight and white when illuminated at night.

Available size : 1220mm*2440mm*3mm thickness

Acrylic LGP Sheets (LED light guide Panel)

LGP is a transparent acrylic panel made from 100% Virgin PMMA resin, on whose bottom face a dot matrix.
The light source is installed on its edge(s). It makes the light coming from the light source evenly over the whole upper face of the acrylic sheet.
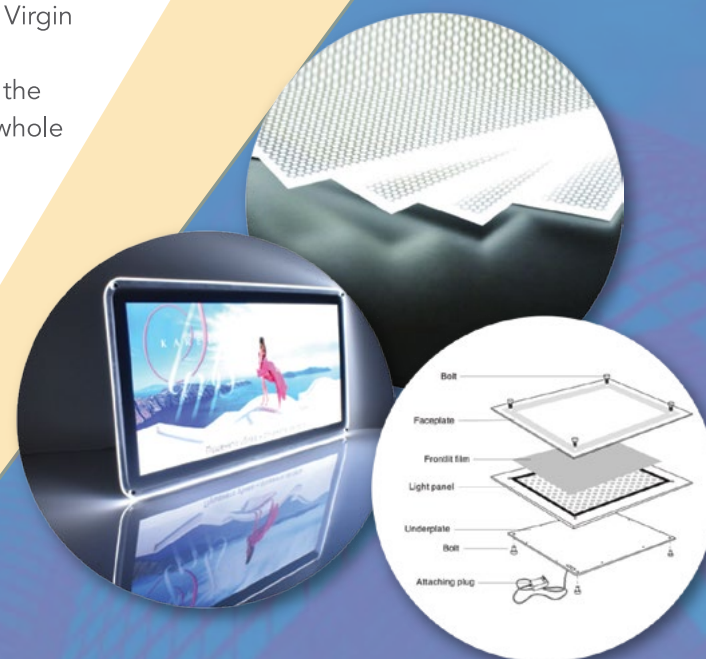
Features
- Excellent transparency, transmittance 92%
- Real images and modern designs with elegant interior looks.
- Offers LED products slim frame

Application:
Lighting box, Advertising sign

Available size:
1220*2440*3mm, 6mm

ACP SHEETS, ANODIZED ALUMINUM, ALUMINUM PLAIN SHEET

Aluminum composite panels

Globond plus PVDF adopt the aluminum alloy 1100H18. 3003H24. 3105H24. 5005H32. 7574H32 Etc as skin aluminum composite with the LDPE core under high pressure and temperature 200-260 centi degree. with super adhesive strength .

The cover color treatment is available PE(Polyester coated). PVDF (Fluoro carbon 70% resin coated.) FEVE paints

Available sizes: 1250 x 3200 x 4mm, 1220 x 2440 x 3mm

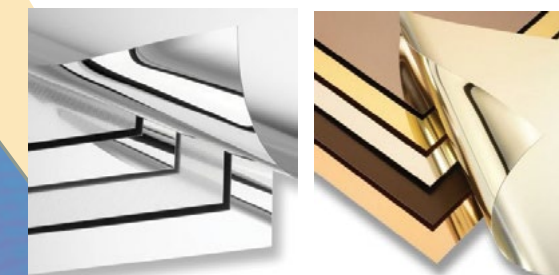## Anodize Aluminum Sheet (Made in Germany)

Give your products a quality look and impress your customers with design elements and high-value end products. With our DECO PRIME® surfaces you will set decorative standards.
The elegant look of the butler finish, stainless steel or copper appearance with long-term stability

The primers can act as an adhesion basis for bonding other materials (for example for HPL/CPL lamination or aluminum/Acrylic) or for printing purposes.

Furthermore, our surfaces can create inspiring emotions and innovative design solutions.

Available sizes: 1220 x 2440 x 1mm
620 x 1220 x 0.5mm

Aluminum Mill Finished Plain Sheets

It's pure aluminum sheet, has the highest aluminum content more than 99.00%.

1100 Aluminum Sheet has excellent corrosion resistance and satisfactory anodizing and conversion coating finishing characteristics. It is unmatched by any other commercial aluminum alloy in workability. Readily to welding, brazing, and soldering.
With blue PVC protective film to avoid scratch.

Application : Traffic sign, 3D letter signage, Interior Signage, Architectural Interiors, etc

Available sizes : 1220mm W x 2440mm L
Thickness : 0.7mm, 0.9m, 1.2mm, 1.5mm, 1.8mm, 2.8mm

PVC FOREX & PAPER FOAM, PP HOLLOW, ABS ENGRAVING SHEETS

PVC Foam Sheet High Density (Forex Sheet)

Features
- Light weight, High tenacity
- High rigidity
- Fireproof and flame retardant
- Good insulation
- No sopping, no deformation
- Easily to processed

Application:
3D letter signage, Exhibition , Interior Signage , Architectural Interiors, etc

Available size:
1220mm W x 2440mm L
Thickness : 1mm , 2mm , 3mm , 4mm , 6mm , 8mm , 10mm , 15mm , 20 mm

Paper Foam Board-White

Is an extruded polystyrene foam core board with clay coated paper liners. Paper liner + Polystyrene foam core + paper liner

Features
- Not easy to deformation, high grade quality
- Heavy-duty graphic arts board
- Smooth, high-impact facers resist warping
- Rigid and durable yet can be cut with a knife

Application
Applying for indoor and outdoor exhibitions, billboards

Available sizes: 1220mm W x 2440mm L   Thickness : 5mm, 10mm

PP Hollow Sheet

Made of Polypropylene (PP)
Also be called corrugated plastic Sheet, Corflute, Corex, PP board, etc.

Features
- Strong, light weight, water proof, and food grade.
- Has good printability on both sides
- The salient feature of the sheet makes it suitable for wide range of uses
- Such as (Advertising, Packaging, Stationery, and Construction & Interiors)

Available sizes: 1220mm W x 2440mm L , Thickness : 3mm, 5mm

D-Board (Corrugated Paper Sheets)

It is new advertising material for the trend of GREEN WORLD. D-board is versatile carton board that can be used for POP UP, exhibition, Display rack, graphic board, UV printing material, etc.

Features
- A perfect rigid structure with light weight
- An optimal flat surface for UV printing
- An ideal material for cutting and bending

Available sizes :
1220mm W x 2440mm L
Thickness : 10mm, 15mm

ABS Double Color Sheets for Laser Engraving and Cutting

High quality laser engraving abs double color plastic sheet with clear engraved edge is used for making signs and signage, such as type plates, company signs, nameplates, industrial labels

ABS sheet can be made into Laser or Rotary Machine.

Available size : 1200x600x1.5mm

MODULAR SIGNAGE ALUMINUM SYSTEM

Modular Signage Aluminum System

K system anodize aluminum silver is commonly used as wall sign, door sign, table stand, pylons stand , suspended sign. These signs are used widely for Office Building, Hospitals, Universities, Malls, Metro stations, etc

Standard extrusion K60,K80,K100,K120,K150,K221,K300,K40

Standard Length : 3Meter

DISPLAY STANDS & FLAGS POLE, QUEUE STANDS

Economic Roll up

Aluminum Materials - Quality Snaprail (Clip)

G.W : 2.2 Kg

Size : 85CM X 200CM

Grand Economic Roll up

Aluminum Materials - Quality Snaprail (Clip)

G.W : 3 Kg

Size : 120CM X 200CM

Luxury Roll up

Size : 85CM X 200CM

Grand Luxury Rollup

Size: 220CM X 200CM

Magnetic Pop Up Display Stands

Curve, Straight

Graphic size Curve 3*3
67.5W*224cm H x 5pcs

Graphic size curve 3*4
67.5W*224cm H x 6pcs

Graphic size Straight 3*3
73.2W*224cm H x 3pcs
67.5W*224cm H x 2pcs

PopUp Counter Curve 2*2

Graphic size

85cm H*213cm W

Promotion Table

Graphic size

85cm H*183cm W / 28cm H*77cm W

A-Board Stand -   Size : 100*70cm

- High quality aluminum snap frame 32mm
  With ACP panel back.
- Chromed corner
- Graphic Size: 100*70cm

Acrylic Catalogue Shelf A4

- Premium zigzag model
  - High quality acrylic and aluminum frame
    - Suitable for promotion activity and exhibition
      - Graphic size : A4
        - Packing in Aluminum case

Luxury Acrylic Catalogue Shelf A4

- The literature stands light weight and folded conveniently
  - High quality acrylic and chromed metal frame
    - Suitable for promotion activity and exhibition
      - Graphic size : A4
        - Packing in Oxford bag

Steel Catalogue Shelf A4

- Folded conveniently
  - High quality painted metal black color
    - Suitable for promotion activity and exhibition
      - Graphic size : A4
        - Packing in Oxford bag

Poster Stand A-4A3

- High quality aluminum snap frame 32mm
  With ACP panel back.
  - The height can be adjust
    - Chromed base
      - Graphic size: A4 or A3

LED CRYSTAL LIGHT BOX

LET YOUR BRAND SHINE LIKE A STAR

LED Crystal Light Box

High quality Acrylic, LED for super light poster

Available Sizes : A1,A2,A3,A4

Outdoor Poster stand Double side

High quality aluminum profile 32mm with ACP panel

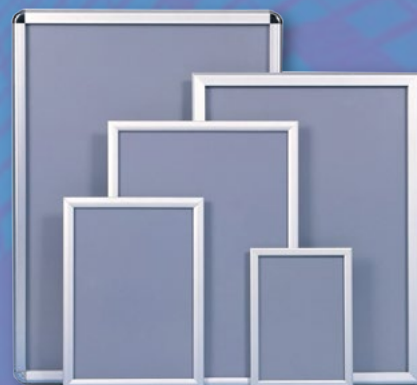Heavy duty outdoor waterbase

Size : 70*100 cm

OUTDOOR

EASYSHOW

Snap Frame 32MM Profile

High quality aluminum profile 32mm with MDF or ACP panel

Available size: A0,A1,A2,A3,A4

Also profile 3Meter Available for customize sizes

5M Flag Pole Stand

High quality aluminum materials, ideal for outdoor advertisement. The weighted base can be filled with water or sand for more stability
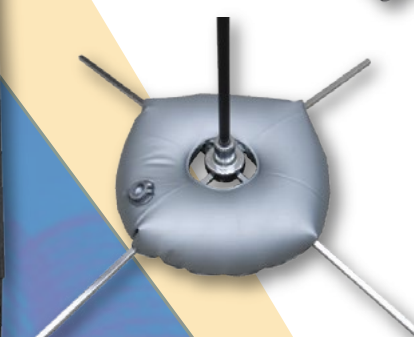
Graphic size : 3.5M X 1M

71.5kg water

Flying Banner Flag XL 5.5M

Stainless steel cross base and Water bag

Graphic size: 3.5 x 1.5m

Ambassador Luxury Flag Pole 2.45M
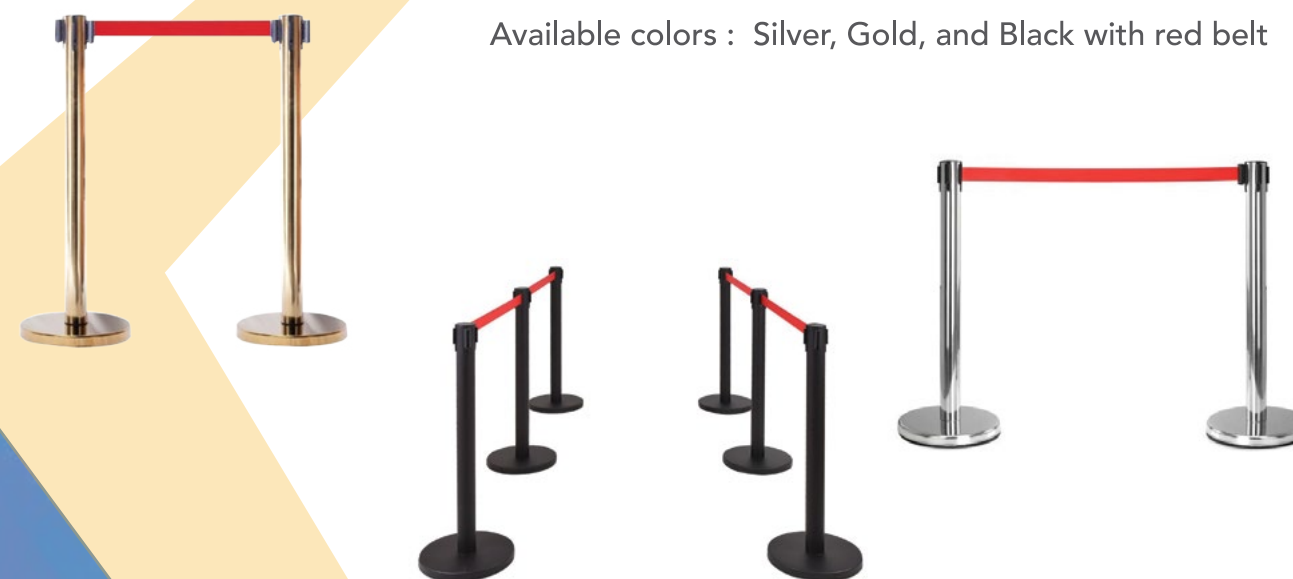
Available Color: Gold, Silver

Graphic size: 1M X 2M

245cm

Queue Pole Barrier Stands -Retractable Belt Tape

Material : High quality chromed steel

Available colors : Silver, Gold, and Black with red belt

Table Flag Stand

Available Color : Gold, Silver

Graphic size: 10cm x 15cm

Queue Line Crowd Stands – With Velvet Rope

Material: High quality chromed steel

Available colors: Silver, Gold with Red Velvet Rope

and Black/Gold with Black Velvet Rope

Street Flag Pole Bracket Set

Pole Size: Width 76cm

One set includes:

2 bracket wih stainless steel bands

2 pole fiberglass arms

GK

lamp post banner mockup

GK

lamp post banner mockup

lamp post

lamp post

banner mock-up

GK

GK

![World of Materials logo]

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